directed toward the aircraft's direction of flight when installed on the aircraft as a wingtip position light. When installed as a rear position light, primary prism 308 is arranged such that its sharp angular cutoff matches the desired distribution for rear position lighting. The top surface 310 and bottom surface 312 of primary prism 308 are oriented generally parallel to the plane formed by the aircraft's wings. Top surface 310 may be tilted with respect to bottom surface 312 in order to tailor the vertical distribution of light emitted by position light 200. Top surface 310 and bottom surface 312 may also be textured to further tailor the vertical distribution of the light emitted by position light 200. Input face 318 is oriented generally in parallel with the aircraft's direction of flight and receives light from the light sources 302. Light emitted from light sources 302 form a continuum of incident angles of light on transflective face 320 such that some light exceeds the critical angle of total internal reflection for primary prism 308, some light is at the critical angle of primary prism 308, and some light does not exceed the critical angle of primary prism 308.

IN THE CLAIMS

Please amend the claims as follows:

1. (Amended) A position light for use on an aircraft, comprising:

a housing structure;

at least one light source arranged inside said housing structure;